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BISI 1756

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NTC 71-12830-07C

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pp 1592-1594
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~~S. Ida~~

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Studies on Protective Coating. Rept. 14. 21 Jan 63,
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Order from SLA \$1.10

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Feb, p. 39-43.

DESCRIPTORS: *Coatings, *Styrene plastics,
*Maleic anhydride, Polymers, *Plasticizers,
Solubility, *Viscosity.

It was shown that internal plasticized copolymers ex-
hibit more suitable properties than any other enteric
coating agents being used. Since they did not affect
the solubility and disintegration qualities in digestive
juice but added advantage of lowering viscosity
(Biological Sciences--Pharmacology, TT, v. 10, no. 3)
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III. Title: Internal . . .
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(NY-6986)

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Order from SA \$15.00

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Trans. of Kogyo Kagaku Zasshi (Japan) 1962, v. 65, no. 1, p. 88-92.

DESCRIPTORS: *Cellophane, *Styrenes, *Vinyl radicals, Copolymerization, Graft polymers, Catalysts, Nitric acid.

(Materials--Plastics, TT, v. 8, no. 12)

62-34461

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- IV. Seizaburo Aoki (Japan)

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15 refs.

Order from SLA \$1.60

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Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64,
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DESCRIPTORS: *Acrylic resins, Polymers, Molecu-
lar weight, *Cellulose, Plastics.

The relationship between the degree of polymeri-
zation and polymerization conditions was investi-
gated with respect to polymethyl methacrylate which
had been isolated by sulfuric acid-hydrolyzing cellu-
lose-methyl methacrylate graft copolymer, which
had been obtained by using ceric ammonium salt as
(Materials--Plastics, TI, v. 3, no. 9) (over)

62-10689

- I. Title: Graft polymers
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Order from SLA \$1.60

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Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64,
no. 5, p. 925-928.

DESCRIPTORS: *Vinyl radicals, *Acetates,
*Cellulose, *Copolymerization, Polymerization,
Temperature, Velocity, Catalysts, Catalysis,
Nitric acid, Acids, Chemical reactions, Polymers.

Graft polymerization of vinyl acetate on cellulose was
attempted using ceric ammonium nitrate as the initia-
tor, and the effects of the polymerization temperature,
polymerization time, catalyst concentration, monomer
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(Chemistry--Organic, TT, v. 7, no. 9) (over)

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RUSSIAN, per, Teplenergetika, 1962,
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OTS 77-64-1495

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June 66

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TIL 4980

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Order from SLA \$1.60 61-16540

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DESCRIPTORS: *Cellulose, *Acrylic resins, *Copoly-
merization, Polymers, Cellulose chemistry.

The ammonium salt of cerium nitrate was used as
catalyst and methyl methacrylate was polymerized in
the presence of cellulose. The effects of polymerization
time, polymerization temperature, catalyst concentra-
tion, monomer concentration, and nitric acid concentra-
tion as factors which affect the polymerization were
studied. The polymerization yield was proportional to
the polymerization time, polymerization temperature,
and nitric acid concentration, but was inversely propor-
(Chemistry--Organic, TT, v. 6, no. 6) (over)

61-16540

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JPRS 12793

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Manuscript no.: S 381-3.
Order from OTS, SLA, or ETC \$1.60 TT-63-24519

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(USSR) 1963, v. 8, no. 3, p. 10-14.

DESCRIPTORS: Blood, *Blood chemistry, *Cobalt,
Anemias, *Hemopoietic system.

TT-63-24519

- I. Idel'son, L. I.
- II. Zhukovskaya, E. D.
- III. FASEB-S-381-3
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Washington, D. C.

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Sci - Med

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Kazakh SSR, Vol XII, 1961, pp 91-94.

Navy Tr 3212/APL T304

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27 refs. APL/JHU TG 230-T304.
Order from OTS \$0.50

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Trans. of Akademiya N[auk] K[azakhskoi] SSR [Alma-
Ata]. Astrofizicheskii Institut. Izvestiya, 1961, v. 12,
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DESCRIPTORS: *Venus, Rotation, Magnetic fields,
Astrophysics, Radio astronomy.

A theoretical analysis shows that the magnetic moment
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about 14 days.

(Astronomy--Astrophysics, TT, v. 8, no. 6)

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III. APL/JHU TG-230-T304
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JPRS 12860

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Sci - Phys
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"Some Problems of the Theory of Galactic Potential."
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Sci - Astron

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THE GALAXY (Galaktika)
George Synenko, tr. Oct 63 [241p] ACIC TC-677.
Order from OTS, SLA, or BTC \$10.00 TT-64-13354

Trans. of mono. Struktura i Dinamika Zvezdnykh
Sistem (Structure and Dynamics of Stellar Systems)
Alma-Ata, 1961, p. 6-147.

DESCRIPTORS: *Galaxies, *Stars, Dynamics,
Celestial mechanics, Equations of motion, Astrophysics.

A general theory of the structure and dynamics of a
stationary stellar system is presented.

(Astronomy--Astrophysics, TT, v. 11, no. 8)

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I. Idlis, G. M.
II. Title: Structure...
III. ACIC-TC-677
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St. Louis, Mo.

1373676

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RUSSEAN, zbk, Galaktika.

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ACIC System

Sci - Earth Sci & Astron
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Order from SLA \$1.60

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Trans. of Beton-Teknik (Denmark) 1959, v. 25, no. 4,
p. 119-141.

DESCRIPTORS: *Concrete, Industrial production,
Microstructure, Civil engineering, History, Mate-
rials, *Microscopes.

(Materials, TT, v. 7, no. 4)

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Order from SLA \$1.60

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Trans. in manuscript of Igiena (Rumania) 1961, v. 10
[no. 1] p. 57-62.

DESCRIPTORS: *Antibiotics, *Food, *Preservation,
Enzymes, Toxicity, Bacterial toxins, Fungi, Proteins,
Meat, Milk, Storage.

(Food, TT, v. 10, no. 1)

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Laws of Combustion in Tunnel Type Burners, by
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